

# Student Paper Contest

Poster session Sunday, October 29, in Merrill Hall. Setup begins at 4:00PM. Judging begins at 5:00PM. Posters remain for the duration of the Welcoming Reception.

## Category A – Communications Systems and Networking

*“Joint Design and Separation Principle for Opportunistic Spectrum Access”*

Yunxia Chen, University of California, Davis; Qing Zhao, University of California, Davis; Ananthram Swami, Army Research Laboratory

## Category B – Adaptive Systems and Processing

*“Steady-State Performance Comparison of Bayesian and Standard Adaptive Filtering”*

Tayeb Sadiki, Dirk T. M. Slock, Eurocom Institute, Sophia Antipolis, France

## Category C – Array Processing and Statistical Signal Processing

*“Topology for Global Average Consensus”*

Soumya Kar, Carnegie Mellon University; Jose Moura, Carnegie Mellon University

## Category D – Biomedical Signal and Image Processing

*“Particle Filter Tracking of Multiple Rolling Leukocytes in Vivo”*

Jing Cui, University of Virginia; Scott Acton, University of Virginia; Zongli Lin, University of Virginia

## Category F – Architecture and Implementation

*“Real-Time Processing of Ultrasound Images with Speckle Reducing Anisotropic Diffusion”*

Wenqian Wu, University of Virginia; Scott Acton, University of Virginia; John Lach, University of Virginia

## Category G – Speech, Video and Audio Processing

*“Video Modeling via Spatio-Temporal Adaptive Localized Learning (STALL)”*

Yunfei Zheng, West Virginia University; Xin Li, West Virginia University

<b>NAME</b>	<b>SESSION</b>	<b>NAME</b>	<b>SESSION</b>
Pollak, Ilya .....	MP7.1	Richter, Andreas.....	TA6.1
Poluri, Radha.....	WA8a1.14	Richter, Andreas.....	TA6.3
Popecsu, Dimitrie C.....	TP2.7	Richter, Andreas.....	TA6.4
Popecsu, Dimitrie C.....	TP8b1.18	Rigling, Brian .....	TP7b.2
Popovski, Petar .....	TP8a1.18	Rikakis, Thanassis.....	MA3b.4
Potter, L. C. ....	TP7b.4	Robert-Inacio, Frédérique.....	MP8b1.6
Powell, Harry .....	TP8b2.6	Robey, Frank C. ....	MA2b.1
Prasad, V. Mahitha .....	TA4.3	Robinson, Michael.....	WA8a2.11
Prendergast, Ryan.....	WA1b.4	Rodrigues, Paulo Sérgio.....	WA3a.1
Price, Jennifer.....	WA2a.2	Rodrigues, Terence .....	MP5.3
Prihoda, Frank.....	MP8b2.25	Rodriguez, Paul.....	TA4.8
Priya, Anusha .....	MA4b.5	Roemer, Florian.....	TA6.8
Proakis, John.....	TP8a1.1	Rohrs, Charles.....	MP8b2.2
Proudlar, Ian K.....	MA7b.3	Rosca, Justinian .....	TP3b.3
Psaromiligkos, Ioannis.....	WA8a1.13	Rostaing, Philippe.....	TP6.7
Psaromiligkos, Ioannis.....	WA8a2.11	Rostaing, Philippe.....	TP8a1.5
Psounis, Konstantinos .....	WA7b.2	Rostaing, Philippe.....	TP8a1.6
Pun, Ka Shun Carson.....	TA8b3.4	Rousset, Cédric.....	MP8b1.6
Qian, Gang .....	MA3b.4	Rucker, Justin.....	WA1a.1
Qin, Xiangping.....	WA2a.4	Rudoy, Daniel.....	WA4.6
Rabiei, Payam .....	TA8b3.9	Rudoy, Melanie.....	MP8b2.2
Radhakrishnan, Regunathan.....	MA3b.5	Rupp, Markus .....	MA7b.1
Radosavljevic, Predrag.....	TA8b1.6	Rupp, Markus .....	TA8b3.6
Radosavljevic, Predrag.....	TP5.7	Rushdi, Ahmad.....	TP8b2.8
Raghavendra, Ramya.....	WA7b.3	Ryo, Bunhin.....	TA8a2.8
Rajan, Dinesh.....	WA1b.1	Sabarad, Jagdish.....	TA5.6
Ramprashad, Sean.....	TA8a2.4	Sabharwal, Ashutosh.....	MP8b2.23
Ramprashad, Sean.....	TP1.2	Sabharwal, Ashutosh.....	MP8b2.20
Ranasinghe, Damith.....	WA5b.2	Sabharwal, Ashutosh.....	TA8b1.1
Rangaswamy, Muralidhar.....	MA2b.5	Sabharwal, Ashutosh.....	WA5a.4
Rangaswamy, Muralidhar.....	MP8b2.9	Sadiki, Tayeb.....	MP3.6
Rao, Bhaskar.....	MP8a1.10	Sadjadpour, Hamid.....	MA1b.2
Rao, Bhaskar.....	TA1.7	Sadjadpour, Hamid.....	MA6b.5
Rao, Bhaskar.....	TP6.5	Sadough, Sajad.....	TP8b1.17
Rao, Chaitanya.....	MP8b2.14	Safavi, Haleh .....	MP3.8
Rao, Divya.....	MP8b2.12	Sahai, Anant.....	MP2.6
Rao, Raghu .....	TA8b1.1	Sahmoudi, Mohamed .....	MP8b2.15
Rao, Sira.....	TA8a2.1	Said, Amir .....	TA4.2
Rasmussen, Morten Sleth .....	TP8a2.3	Saligrama, Venkatesh .....	MP4.6
Ratnarajah, Tharm.....	MP8b2.5	Salmi, Jussi .....	TA6.1
Ratnarajah, Tharm.....	MP8b2.11	Salzer, Thomas .....	MP6.4
Ratnarajah, Tharm.....	WA6.7	San Antonio, Geoffrey .....	MA2b.4
Ray, Siddharth.....	MP8b2.9	Sanayei, Shahab .....	MP8b2.24
Re, Marco .....	TA8b1.4	Sangiovanni-Vincentelli, Alberto.....	TP5.4
Re, Marco .....	TP8a2.8	Saniee, Jafar.....	MP8b2.1
Ready, Michael.....	MP8a1.16	Sankaranarayanan, Lalitha.....	WA2a.1
Rebeil, Roberto.....	MA4b.2	Sarikaya, Bahadir .....	TP2.5
Reyes-Gomez, M.....	MA3b.2	Satorius, Edgar.....	TA8a1.9
Ribeiro, Alejandro .....	TP2.8	Satorius, Edgar.....	TA8b1.5
Ribeiro, Cássio .....	TA6.4	Savazzi, Stefano.....	TA8b3.1
Rice, Michael.....	WA5a.2	Sawada, Hiroshi .....	TP3b.2
Richard, Cédric.....	TA8a1.6	Sawada, Hiroshi .....	TP3b.4
Richards, Brian.....	MA5a.3	Sawada, Jun.....	TP8a2.5

<b>NAME</b>	<b>SESSION</b>	<b>NAME</b>	<b>SESSION</b>
Sayed, Ali H.....	MP3.2	Sinclair, Michael .....	MA4b.2
Sayed, Ali H.....	TA8a1.9	Singer, Andrew .....	MP8b2.16
Sayed, Ali H.....	TP4.6	Siohan, Pierre.....	TP8b1.23
Scharf, Louis.....	TA1.2	Sira, Sandeep.....	TA1.4
Scharf, Louis.....	TP4.3	Siracusa, Michael .....	TP7b.1
Schellmann, Malte .....	TA8b2.8	Skadron, Kevin .....	TP5.8
Schellmann, Malte .....	TP8a1.10	Skoglund, Jan.....	TP1.5
Scherb, Ansgar.....	TP8a1.7	Slock, Dirk T. M. ....	MP3.6
Schizas, Ioannis .....	MP8b2.5	Slock, Dirk T. M. ....	MP6.4
Schmidt, David .....	WA6.5	Slock, Dirk T. M. ....	TP4.2
Schneider, Christian .....	TA6.6	Slock, Dirk T. M. ....	WA6.6
Schniter, Philip.....	MA7b.2	Smee, John .....	WA8a1.4
Schniter, Philip.....	MP8a1.12	Smith, Julius .....	TA8a3.9
Schniter, Philip.....	TA2.6	Smith, Steven .....	WA4.3
Schreier, Peter.....	TP4.3	Snoussi, Hichem.....	TA8b2.9
Schubert, Martin .....	MP8a1.11	Soderstrand, Michael.....	TA8a1.5
Schubert, Martin .....	TA8b2.7	Soliz, Peter .....	WA3a.2
Schulte, Michael .....	MP5.8	Soljanin, Emina.....	WA2b.4
Seethaler, Dominik .....	WA6.2	Somekh, Oren .....	MP2.3
Segall, Andrew .....	MP7.2	Somekh, Oren .....	MP8b2.4
Seidel, Peter-Michael .....	TP8a2.13	Sorenson, Logan .....	MP8b2.1
Sellathurai, Mathini .....	MP8b2.5	Soriaga, Joseph.....	WA8a1.4
Sellathurai, Mathini .....	WA6.7	Soysal, Alkan.....	TP6.6
Sen, Mainak.....	TP5.1	Spagnolini, Umberto .....	MP8b2.4
Sen Gupta, Ananya Sen Gupta		Spagnolini, Umberto .....	TA8b3.1
.....	MP8b2.16	Spagnolini, Umberto .....	TP2.6
Sesay, Abu .....	TA8b3.3	Spence, David .....	WA3a.3
Sezgin, Aydin.....	MP6.5	Spencer, Nicholas .....	WA8a2.6
Sezgin, Aydin.....	TA8b2.8	Spurbeck, Mark .....	TP4.3
Sezgin, Aydin.....	TP8a1.10	Srivastava, Anuj.....	TP7b.3
Sezgin, Aydin.....	TP8b1.20	Stan, Mircea .....	TP5.8
Shah, Deavavrat.....	WA7b.1	Stanczak, Slawomir .....	MP8a1.11
Shah, Himanshu.....	MP8b2.6	Stauffer, Erik.....	TA8b3.8
Shanbhag, Naresh.....	TA5.3	Stephene, Alex .....	TP8b1.12
Shaw, Christopher.....	MA6b.1	Stine, James E. ....	TP8a2.10
Sheikh, Farhana .....	TP5.6	Stine, James E. ....	TP8a2.13
Shekhar, Raj.....	TP5.1	Stine, James E. ....	WA5b.4
Shetty, Niranjan.....	TP1.1	Stoica, Petre .....	MA2b.3
Shi, Linda.....	MP1b.1	Stoica, Petre .....	TA8a1.7
Shi, Shuying .....	TA8b2.7	Stoica, Petre .....	TP4.7
Shi, Yan.....	TA8a1.3	Stolpman, Victor .....	MA5a.5
Shiang, H-P .....	TA7.1	Strom Bartunek, Josef.....	MP8b1.2
Shin, Eun-Hee .....	TP6.8	Strother, Stephen .....	MP1a.3
Shroff, Ness.....	WA2a.3	Strukov, Dmitri .....	TA8b1.8
Shuman, David.....	TP2.1	Stuart, Matthias Bo .....	TP8a2.3
Shynk, John.....	WA8a2.3	Studer, Christoph.....	WA6.1
Sickman, Frederick.....	TA4.1	Studer, Christoph.....	WA8a1.8
Sidiropoulos, Nikos.....	TP2.8	Su, Borching .....	MP8a1.2
Simeone, Osvaldo .....	MP2.3	Su, Borching .....	TP8b1.15
Simeone, Osvaldo .....	MP8b2.4	Subramanian, Anbumani.....	TA7.7
Simeone, Osvaldo .....	MP8b2.12	Subramanian, Vijay .....	TP2.3
Simeone, Osvaldo .....	TP2.6	Sundaram, Hari .....	MA3b.4
Simon, Marvin.....	TP4.7	Sundaramurthy, Vishwas.....	MP8b2.19

<b>NAME</b>	<b>SESSION</b>	<b>NAME</b>	<b>SESSION</b>
Suri, Jasjit.....	WA3a.1	Ulukus, Sennur.....	TP2.5
Suri, Jasjit S.....	WA3a.4	Ulukus, Sennur.....	TP6.6
Svantesson, Thomas.....	TP8b1.16	Ustunel, Eser.....	WA8a1.16
Swami, Ananthram.....	MP8b2.18	Utschick, Wolfgang.....	WA6.5
Swannack, Charles.....	TA2.2	Uysal-Biyikoglu, Elif.....	TA2.2
Swartzlander, Earl.....	MP5.3	Vaccaro, Richard.....	MP8b2.7
Swartzlander, Earl.....	TA5.1	Vaidyanathan, P. P.....	MP8a1.2
Swartzlander, Earl.....	TA5.7	Vaidyanathan, P. P.....	TP8b1.15
Swindlehurst, A. Lee.....	MA6b.1	Vaidyanathan, P. P.....	WA8a2.1
Swindlehurst, A. Lee.....	TP8b1.16	Vakili, Ali.....	TA2.5
Sworder, Dave.....	TA8a1.1	Valles, Esteban.....	WA8a1.6
Ta, Chi Hieu.....	TA4.6	van der Schaar, M.....	TA7.1
Tabesh, Ali.....	TA3.5	Varanasi, Mahesh.....	TP8a1.8
Tadmor, Gilead.....	MP1a.4	Varshney, Pramod.....	MP4.5
Tafazoli, Shahram.....	WA8a2.14	Varshney, Pramod.....	MP7.8
Takala, Jarmo.....	MA5a.2	Varshney, Pramod.....	MP8b2.4
Takeda, Hiroyuki.....	WA1b.3	Veeravalli, Venugopal.....	MP4.4
Talwar, Gaurav.....	TA8a2.7	Vehkapera, Mikko.....	TP8a1.4
Tan, Kenneth.....	TA3.7	Velde, Jana.....	MP8b2.7
Tang, Jun.....	WA8a1.11	Viberg, Mats.....	WA8a2.4
Tang, Taiwan.....	TA2.4	Villasenor, John.....	WA8a1.6
Tarighat, Alireza.....	TP4.6	Vincent, Patrick.....	TA8b3.10
Taylor, Fred.....	MP8b2.2	Vincent, Patrick.....	WA8a2.12
Teverovskiy, Mikhail.....	TA3.5	Viola, Francesco.....	TP7a.1
Thatte, Gautam.....	TP2.2	Viswanathan, Harish.....	TP8b1.19
Theocharides, Theocharis.....	TA5.4	Viterbo, Emanuele.....	WA6.4
Thilak, Vimal.....	TA8a2.5	Vo, Dung Vo.....	WA1b.4
Thoma, Reiner S.....	TA6.5	Voelker, Geoffrey.....	TA8a2.12
Thoma, Reiner S.....	TA6.6	Voelz, David.....	TA8a2.5
Thomas, Joseph.....	MP8b2.21	Vorobyov, Sergiy.....	TP4.1
Thyssen, Jes.....	TP1.3	Vouras, Peter.....	WA8a2.15
Tillo, Tammam.....	WA1a.4	Vrigneau, Baptiste.....	TP6.7
Tisserand, Arnaud.....	WA5b.1	Vrigneau, Baptiste.....	TP8a1.5
Tkachenko, Artem.....	WA5a.3	Vrigneau, Baptiste.....	TP8a1.6
Tom, Andrew.....	TP8b1.10	Vucetic, Dragan.....	TA8b1.11
Tomov, Borislav.....	TP7a.2	Wagner, Kevin.....	MP3.4
Tong, Lang.....	MP4.3	Wakida, Nicole.....	MP1b.1
Torres, Andrew.....	TP8b2.1	Walker, William.....	TP7a.1
Torrieri, Don.....	WA8a1.15	Walker III, T. Owens.....	MP8b2.22
Torrieri, Don.....	WA8a1.16	Wang, Guisong.....	TP8b2.9
Tran, Trac D.....	MP7.5	Wang, Jiang.....	TA1.3
Tran, Trac D.....	TA7.5	Wang, Jing.....	WA8a2.16
Tran, Trac D.....	WA8a2.15	Wang, Lihong.....	TA3.3
Tran, Tuan.....	TA8b3.3	Wang, Weihuang.....	TA8b1.10
Treichler, John.....	MP8a1.16	Wang, X.....	MA6b.5
Triki, Mahdi.....	TP4.2	Wang, Xin.....	TP6.4
Tsakalides, Panagiotis.....	TA8a3.1	Wang, Yunhua.....	TP5.3
Ts'o, Daniel.....	WA3a.2	Wang, Zhongfeng.....	WA8a1.9
Tummala, Murali.....	MP8b2.22	Warner, Edward S.....	MA7b.3
Tummala, Murali.....	TA8b3.10	Weatherwax, John.....	WA4.5
Tummala, Murali.....	WA8a2.12	Webb, Kevin J.....	MP1a.2
Tuqan, Jamal.....	TP8b2.8	Weber, Steven.....	MA1b.3
Uf, Tureli.....	MP8b2.10	Wehinger, Joachim.....	MP8b2.8

<b>NAME</b>	<b>SESSION</b>	<b>NAME</b>	<b>SESSION</b>
Wei, Bo	TP1.6	Ye, Linning	MP7.3
Wei, Shuangqing	WA8a1.5	Yeary, Mark	TA8b1.10
Weiss, Stephan	MA7b.5	Yener, Aylin	MP2.4
Weiss, Stephan	TA4.6	Yeon, Myung-Hoon	WA8a2.3
Wenk, Markus	WA6.1	Yoo, Taesang	MP6.1
Wernick, Miles	MP1a.3	Yoon, Soon Young	TP8b1.6
Wernick, Miles	WA3b.1	Yoshimura, Takeshi	TP8b1.5
Werthimer, Dan	WA5a.1	Yu, Honggang	WA3b.2
Wesel, Richard	WA8a1.6	Yu, Xiaoli	TP8a1.15
Whitman, Gary	TA3.2	Yun, Sangboh	TP8b1.21
Williams, Cranos	TP8b2.4	Zeidler, James	MA6b.2
Willsky, Alan	WA4.4	Zeinalpour-Yazdi, Zolfa	MP8b2.8
Wittneben, Armin	MP8b2.13	Zhang, Benhong	WA8a2.2
Wittneben, Armin	MP8b2.15	Zhang, Charlie	MP6.8
Wo, Tianbin	TP8a1.7	Zhang, Jianzhong (Charlie)	MP8b2.19
Wohlberg, Brendt	TA4.8	Zhang, Xi	MP6.6
Wohlberg, Brendt	TA4.4	Zhang, Xiaojie	MP8b2.7
Wolfe, Patrick	WA4.6	Zhang, Yimin	MP4.8
Won, Joong Ho	TP4.8	Zhang, Yun	TA8a3.8
Wood, Leslie	MP8a1.8	Zhang, Yuping	TP8a2.9
Wood, Sally	MP8a1.16	Zhang, Yuping	WA8a1.11
Wood, Sally	WA1b.1	Zhao, Chunming	TP8b1.22
Wornell, Gregory	TA2.2	Zhao, Qing	MP8b2.18
Wu, Huapeng	TA5.8	Zheng, Haitao	WA7b.3
Wu, Huapeng	TA8b1.7	Zheng, Jing	WA3b.3
Wu, Huapeng	TP8a2.7	Zheng, Jun	TP6.5
Wu, Qiu	TA3.2	Zheng, Lizhong	MP8b2.9
Wu, Renbiao	TA8a1.7	Zheng, Xiayu	TA8a1.7
Wu, Wenqian	TP5.2	Zheng, Yunfei	TA7.3
Wu, Ying-Wah	TA8b1.5	Zhou, Dayong	MA7b.4
Wyatt, Chris	TA7.7	Zhou, Dayong	TP5.3
Xi, Songnan	TP8a1.2	Zhou, G. Tong	TP8b1.22
Xia, Pengfei	MP8b2.16	Zhu, X. Ronald	TP8b2.3
Xie, Lexing	MA3b.3	Zhu, Yonglan	MP8b2.6
Xie, Yao	MA2b.3	Zielinski, Adam	TA8a1.3
Xie, Yao	TA3.3	Zlatanovici, Radu	TP5.6
Xin, Yan	MP8a1.5	Zoltowski, Michael	TA1.5
Xin, Yan	MP8b2.6	Zoltowski, Michael	TP8a1.2
Xu, Changlong	WA8a1.7	Zou, Qiyue	TP4.6
Xu, Min	MP7.8	Zulch, Peter	MA2b.5
Yaddanapudi, Prasad	TP8b1.18		
Yang, C-H	WA7a.2		
Yang, Dong-Hyeuk	TA8b2.10		
Yang, Fuxing	WA3a.4		
Yang, Guang	TP5.4		
Yang, H.	MP4.7		
Yang, Hyun Jong	TP8a1.11		
Yang, Jianfei	TP8b2.2		
Yang, Yongyi	MP1a.3		
Yao, Kung	MP8b2.17		
Yao, Yingwei	MP8b1.5		
Yardim, Anush	TA8b2.3		
Yardim, Anush	TA8b2.4		

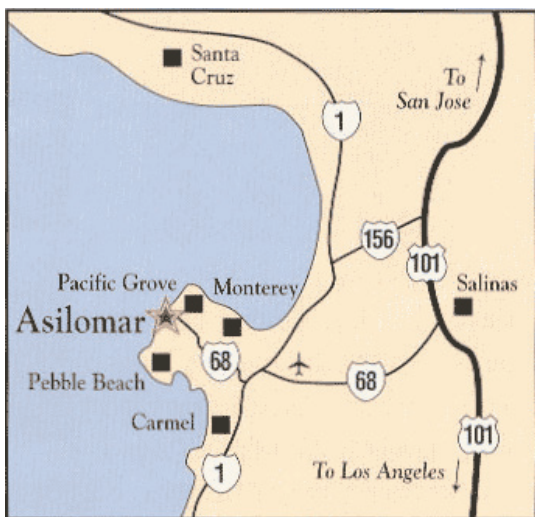
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